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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/087,458	02/27/2002	Lawrence G. Shubert	021532-000100US	6663
34755	7590	08/16/2005	EXAMINER	
ADAM K. SACHAROFF MUCH SHELIST FREED DENENBERG AMENT&RUBENSTEIN,PC 191 N. WACKER DRIVE SUITE 1800 CHICAGO, IL 60606-1615			MANAHAN, TODD E	
		ART UNIT		PAPER NUMBER
		3732		
DATE MAILED: 08/16/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/087,458	SHUBERT ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Todd E. Manahan	3732	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 06 June 2005.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 27,28 and 30-48 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 27,28 and 30-48 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 1/8/04; 12/16/04 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____ .

## **DETAILED ACTION**

### ***Drawings***

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because The same part of an invention appearing in more than one view of the drawing must always be designated by the same reference character, and the same reference character must never be used to designate different parts. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: 107, 109, 1, 2, 200, 403, 501, 502, 503, 509, 701, 703, and θ. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If

the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to because the lines, numbers, and letters are clean and uniformly thick and well-defined (see 37 CFR 1.84(l)). Furthermore, figures 4, 6, and 7 contain multiple views which should be labeled separately. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

*Claim Rejections - 35 USC § 112*

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 37 and 39 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The disclosure, as originally filed, does not provide support for the recitation in claim 37 of a switch “positioned on the housing for actuation with a finger defined by said single hand”. The disclosure, as originally filed, does not provide support for the recitation in claim 39 of the power supply being “replaceable”. Therefore, such recitations constitute new matter.

Claims 27, 28, 30-48 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The specification, as originally filed does not disclose what are the selected motion, selected speed, grit and shock absorption that allows the abrasive surface “to trim a person’s nail while the person’s epidermal tissue surrounding the nail remains unharmed if contacted by the abrasive surface”. The specification merely recites that this is accomplished by a “predetermined speed, a predetermined action, and a selected texture”, but is completely silent as to what these values are. As such, one of ordinary skill in the art would be unable to make and or use the invention.

*Specification*

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: “the movable head having a size substantially smaller than the user’s hand” and the abrasive surface facing laterally relative to the longitudinal axis of the housing must be adequately described in the specification.

*Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 27, 30, 32, 34, 35, 37, 38, and 40-48 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Ouchi et al. (Japanese Patent No. 2001037536A).

Claims 37 and 39-42 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kai et al. (United States Patent No. 6,062,960).

It is noted that it has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus satisfying the claimed structural limitations. *Ex parte Masham*, 2 USPQ2d 1647 (1987).

*Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 28 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ouchi et al. in view of La Joie et al. (United States Patent No. 5,287,863).

Ouchi et al. disclose the invention essentially as claimed except that the shock absorbing member is a pair of springs (see figure 4) to create a resilient filing surface. La Joie et al. disclose a nail file having a foam core to create a resilient filing surface. Therefore it would have been obvious to one skilled in the art to replace the springs of Ouchi et al. with a foam layer in view of La Joie et al. as such would be merely substitution of functionally equivalent means for creating a resilient filing surface.

Claim 36 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ouchi et al. in view of Daley (United States Patent No. 6,145,512).

Ouchi et al. disclose the invention essentially as claimed except for the abrasive surface having a graphic design. Daley discloses it is known in the art to provide nail files with a graphic design. It would have been obvious to one skilled in the art to provide the device of Ouchi et al. with a graphic design on the abrasive surface in view of Daley in order to make the device more aesthetically pleasing.

Claim 39 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ouchi et al.

Ouchi et al. discloses the invention essentially as claimed except for the replaceable battery and the access door. It would have within the level of one skilled in the art to provide the device of Ouchi et al. with an access door and a replaceable battery in order to permit reuse of the device once the original batteries are dead.

Claims 27, 28, 30-35, 38, and 42-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kai et al. in view of Cheney et al. (United States Patent No. 5,309,681).

Kai et al. disclose the invention essentially as claimed except for the shock absorbing member between the head and the abrasive surface. Cheney et al. discloses it is known in the art to provide a resilient foam layer between the moving head and the abrasive surface of a sander in order that the abrasive surface conform to irregularly shaped surfaces. It would have been obvious to one skilled in the art to provide the sander of Kai et al. with a foam layer between the head and the abrasive surface in view of Cheney et al. in order that the abrasive surface conform to irregularly shaped surfaces. It is noted that foam would inherently have a shock absorbing effect. Regarding claims 30-34, orbital motion includes oscillation, rotation and lateral translation.

#### *Response to Arguments*

Applicant's arguments with respect to claims 27, 28, 30-48 are have been considered but are moot in view of the new ground(s) of rejection.

#### *Conclusion*

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

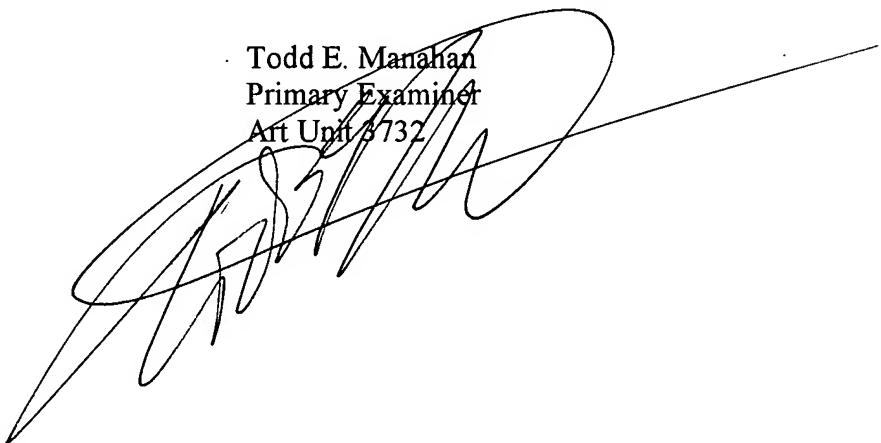
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd E. Manahan whose telephone number is 571 272- 4713. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Shaver can be reached on 571 273-4720. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

T.E. Manahan  
10 August 2005

Todd E. Manahan  
Primary Examiner  
Art Unit 3732

A handwritten signature in black ink, appearing to read "TODD E. MANAHAN", is written over a large, stylized, swirling graphic that resembles a signature itself. The graphic is composed of several thick, curved lines forming a complex, abstract shape.